

**Inter-Agency Perchlorate Steering Committee
February 12, 1999
San Bernardino, California**

Attendees:

Carey Yates, Navy (301) 744-4320
Lt. Col. Dan Rogers, USAF
Linda Fergesson, American Pacific (702) 735-2200
Larry Cummings, American Pacific (435) 865-5018
Brenda Pohlmann, Nevada DEP (702) 486-2857
Mike Girard, Perchlorate Study Group (916) 355-2945
Jerry Neil, Arkansas DEQ (501) 682-0846
David Van Landingham, USEPA Region VI (214) 665-2254
Catherine McCracken, USEPA Region IX (415) 744-2182
Sam Stevens, Calgon (412) 787-6192
Steve Lamm, CEOH (202) 333-2364
David Mattie, USAF (937) 255-5150 x 3105
Harlal Choudhary, EPA Cincinnati (513) 569-7536
Steve Book, Cal DHS (916) 322-1553
Shirley Williams, USEPA Region VII (913) 551-7193 (Williams.Shirley@epa.gov) (analytical)
 - Scott Marquess
 - Jeff Field
 - Bob Mournighan
Deborah Keil, MUSC
Kevin Mayer, EPA Region IX
Annie Jarabek, EPA NCEA

On teleconference:

Ron Porter, Brooks AFB
David Tsui, Wright-Patterson AFB
Sanwat Chaudhuri, Utah Department of Health Labs
Susan Jew, Alliant Tech
Mike Robinson, Alliant Tech
David Munch, EPA OW
Karen Bankert, EPA OERR
Rachel Cassidy, Utah DEQ
John Catts, Harding Lawson
Mike Osinski, EPA OW
Terry Sterner, Wright Patterson AFB
Mike Green, NASA
Mary Manibusan, EPA OW

Sub committee reports:

Analytical - The final report status (Sanwat and Dave)

Draft report sent to participating labs for comments (2/12/99) Final Report due Feb 26. Waiting for feedback from labs. Will be sent to Cincinnati after it is received from the subcommittee. It will serve as the basis for developing an EPA analytical method for perchlorate in drinking water. David Munch, chemist with the Office of Ground Water and Drinking Water in Cincinnati, indicated that if the IPSC report contained all the necessary data, it would take EPA around 6 months to develop an EPA method. He also indicated it will be a priority with the agency. The analytical sub-committee (UDOH and ARFL) started the organics interference study on the IC method. The study should conclude by May.

Prep method for high TDS (non-drinking water) samples has been developed by AFRL/HEST. The procedures/results will be presented at the Ontario Conference. Procedures/results will be disseminated to the labs through an AFRL tech report. AFRL/HEST and UDOH/DEL are currently designing a Col-lab for the prep method.

Treatment Technology - Jim Hurley

At the upcoming perchlorate conference in Ontario, presentations on the current state of treatment technology will be made by the sponsoring organizations to include the AWWA-RF activities. A technology planning session will be scheduled sometime in the near future to look at site specific problem solving.

Eco-System - Project prioritization and funding efforts (Ron Porter)

Status of three agencies: Texas Tech (SERDEP), EPA Athens; University of Georgia Athens: (1) Plant tissue analysis. (2) Sorption in soil (3) competitive uptake (including bio accumulation); connected with phytoremediation.

Texas Tech: (1) tissue analysis methodology (animal) (2) aquatic toxicology - use zebra fish, and amphibians (3) terrestrial tox (cotton rat, whitefoot mouse and snake?)

Comments on Risk: Documentation of CLO4 in wetlands; Tox potential to nesting birds; Bio accumulation in wetlands species; Chronic tox potential to rodents; degradation potential to wetland plant species; sediment tox (maybe shrimp) (USAF \$) with algae something

Need to match priorities to recommendations made in the draft risk assessment document.

Toxicology - Road map for Fall 99

NCEA believes Jan 00 to be an appropriate closure point for the final document. Clear endorsement of the mode of action model. Concern expressed over pathology end points. Will work with NIEHS on getting together a Pathology Working Group.

Community Involvement: (Catherine McCracken - EPA Region IX)

The Perchlorate Toxicological Review Collection (released March 8, 1999) is available on request by writing or calling:

U.S. EPA Region 9
Superfund Record Center
95 Hawthorne St., Suite 403S
San Francisco, Ca 94105-3901
(415) 536-2000

The collection is on a CD-ROM (with instructions) and includes the EPA External Review Draft of the Perchlorate...Toxicological Review..., and many of the supporting documents and data. This collection will be updated to include essentially the entire record of the External Review once the reviewer comments and report are submitted. There is no charge for this CD-ROM.

Other issues:

- Capturing the IPSC initiative and process
 - Report to Stakeholders update
 - Lessons learned
 - Future programs and presentations
 - Ontario (East Valley Water District)
 - SOT (March - New Orleans) (Lamm and Crofton) Tues, March 16, 8:30-11:00
 - Poster discussion: Why won't a human respond like a rat?
 - Policy Implications
 - Children
 - Rats vs humans
- American Chemical Society (Aug 29-30)

Next meeting to be set after the draft comments are delivered and distributed for evaluation (April)

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